ADDRESS PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY BP PRODUCTS NORTH AMERICA INC. IN0000108

ATTN:

ASHOK K. JHAWAR, PLANT MGR

PARAMETER

FACILITY

WHITING

2815 INDIANAPOLIS BOULEVARD

BP PRODUCTS NORTH AMERICA INC.

LOCATION WHITING

모

SAMPLE MEASUREMENT

00400

00680 1 0 0 EFFLUENT GROSS VALUE

CARBON, TOT ORGANIC (TOC) **EFFLUENT GROSS VALUE**

SAMPLE MEASUREMENT REQUIREMENT IR METH)TOT,RC

00560

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MEASUREMENT

SAMPLE

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OIL & GREASE (FREON EXTR .-**EFFLUENT GROSS VALUE**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER **DISCHARGE NUMBER**

MONITORING PERIOD

F - FINAL EFFLUENT MAJOR

Form Approved OMB No. 2040-0004

Approval Expires 05-31-98

For Any Questions call Jeff Ewick at 317-233-0676

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TYPED OR PRINTED

Whiting Business Unit

Business Unit Leader

Ashok K. Jhawar Authorized Agent: NAME/TITLE PRINCIPAL EXECUTVE OFFICER

znone

znone

SAMPLE MEASUREMENT

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1st discharge designed to assure t information submitte system, or those per the information subn accurate, and compl submitting false info for knowing violations. prepared under my of week. Outfall 003 was closed the entire month of September.

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

Page

Required to sample on

WHITING, LAKE COUNTY

INDUSTRIAL MAJOR

NAME/TITLE PRINCIPAL EXECUTVE OFFICER znone 00680 **EFFLUENT GROSS VALUE** FLOW, TOTAL **EFFLUENT GROSS VALUE** CARBON, TOT ORGANIC (TOC) CARBON, TOT ORGANIC (TOC) **EFFLUENT GROSS VALUE** CARBON, TOT ORGANIC (TOC) **LOCATION WHITING** NAME CHLORINE, TOTAL **EFFLUENT GROSS VALUE** FLOW, IN CONDUIT OR THRU **ADDRESS** Business Unit Leader Ashok K. TREATMENT PLANT NTAKE Whiting Business Unit Authorized Agent: PARAMETER Jhawar **BP PRODUCTS NORTH AMERICA INC** WHITING REFINERY BP PRODUCTS NORTH AMERICA INC 2815 INDIANAPOLIS BOULEVARD ASHOK K. JHAWAR, PLANT MGR WHITING STREAM VALUE RESIDUAL SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT EQUIREMENT PERMIT PERMIT SAMPLE PERMIT PERMIT SAMPLE PERMIT PERMIT SAMPLE system, or those persons directly responsible for gathering the information, submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the prepared under my direction or supervision in accordance with a system I certify under penalty of law that this document and all attachments were **AVERAGE** REPORT MO AVG 91.146394 ****** ***** QUANTITY OR LOADING MO TOTA MAXIMUM 2732.3 DAILY M THE ORI REPORT 96.6 YEAR **PERMIT NUMBER** 02 IN0000108 STIND **₹** ****** MGAL MGD 8 3R) 03) MONITORING PERIOD DAY 9 MINIMUM ****** ****** 5 DISCHARGE NUMBER SIGNATURE OF PRINCIPAL EXECUTIVE tohich QUANTITY OR CONCENTRATION YEAR MO 2 MO AVG REPORI MO AVG MO AVG **AVERAGE** REPORT REPORT REPORT 0 MO AVG DAY For Any Questions call Jeff Ewick at 317-233-0676 DAILY MX MAXIMUM REPORT REPORT w 5.0 NOTE: Read instructions before completing this form F - FINAL EFFLUENT 219 NO DISCHARGE UNITS (19 ****** TELEPHONE ***** MG/L MG/L MG/L MG/L 19 19 19 473-3179 页 20 0 Approval Expires 05-31-98 ONCE/ 5wEEME FREQUENCY SAMPLE TIMESWEE TIMESIWEEK HINON DAILY TIMESWEEK /WEEK WEEK WEEK ANALYSIS WEEK HMLT TIME g DATE Ô CONTIN GRAB GRAB RCTOT GKAB GRAB TYPE GRAB

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOR

OMB No. 2040-0004 Form Approved

DISCHARGE MONITORING REPORT (DMR)

INDUSTRIAL MAJOR, LAKE COUNT

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

for knowing violations.

OFFICER OR AUTHORIZED AGENT

NUMBER

YEAR

MO DAY

TYPED OR PRINTED

EPA FORM 3320-1 (08-95) Revised by Indiana (August 2001)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Mail Preprinted Forms to IDEM (No Photo Copies)

WHITING, LAKE COUNTY INDUSTRIAL MAJOR

Page

00400 00179 NAME/TITLE PRINCIPAL EXECUTVE OFFICER IR METH)TO OIL & GREASE (FREON EXTR.-WASTE HEAT REJECTION RATE CENTIGRA FACILITY PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) OIL & GREASE (FREON EXTR.-**EFFLUENT GROSS VALUE** IR METH)TOT,RC OIL & GREASE (FREON EXTR.-EFFLUENT GROSS VALUE EFFLUENT NET VALUE 00010 EFFLUENT GROSS VALUE CENTIGRADE LOCATION WHITING **ADDRESS** EFFLUENT NET VALUE IR METH)TOT.RC 00010 INTAKE FROM STREAM **INTAKE FROM STREAM** TEMPERATURE, WATER DEG. TEMPERATURE, WATER DEG. **PARAMETER** Ashok K. Jhawar Whiting Business Unit Business Unit Leader Authorized Agent: **BP PRODUCTS NORTH AMERICA INC** WHITING REFINERY 2815 INDIANAPOLIS BOULEVARD BP PRODUCTS NORTH AMERICA INC ASHOK K. JHAWAR, PLANT MGR WHITING 0 0 0 0 SAMPLE MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT PERMIT SAMPLE PERMIT PERMIT PERMIT SAMPLE PERMIT PERMIT SAMPLE PERMIT system, or those persons directly responsible for gathering the information, designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the the information submitted is, to the best of my knowlege and belief, true prepared under my direction or supervision in accordance with a system I certify under penalty of law that this document and all attachments were accurate, and complete. I am aware that there are significant penalties for **AVERAGE** VIO AVG 607 1700 QUANTITY OR LOADING MX DA A MAXIMUM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 2000 YEAR PERMIT NUMBER DISCHARGE MONITORING REPORT (DMR) IN0000108 MBTU/ **M**O UNITS 05 丟 MONITORING PERIOD DAY MINIMUM ö **DISCHARGE NUMBER** QUANTITY OR CONCENTRATION YEAR MO MO AVG REPORT MO AVG **AVERAGE** REPORT REPORT REPORT MO'AVG REPORT MO AVG VIO AVG Z0.3 $\angle 0.3$ 10:3 DAY For Any Questions call Jeff Ewick at 317-233-0676 REPORT MAXIMUM DAILY MX DAILY MX MAXIMUM **L**0.3 REPORT REPORT ALYMX AILY MX 0.4 8.4 5 0 39 ဖ NOTE: Read Instructions before completing this form EFFLUENT F - FINAL MAJOR 219 | 473-3179 NO DISCHARGE SLIND (04) ~ 04) DEG.C DEG.C ***** MG/L MG/L MG/L TELEPHONE 19 19 19 S 12 0 0 0 0 Form Approved OMB No. 2040-0004 Approval Expires 05-31-98 5 TIME FREQUENCY SAMPLE WEEK THREE, THREE THREE TIMESWEE THREE VEEK THREE, TREE WEEK N H H M WHEK **ANALYSIS** TIME TIME 88 DATE *** 6 GRAB CONTIN CONTIN GRAB GRAB GRAB CONTIN TYPE

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COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

for knowing violations.

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TYPED OR PRINTED

WHITING, LAKE COUNTY INDUSTRIAL MAJOR

NUMBER

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ERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOR EFFLUENT F-FINAL

Approval Expires 05-31-98 OMB No. 2040-0004 Form Approved

DISCHARGE MONITORING REPORT (DMR)

IN0000108

001A

BP PRODUCTS NORTH AMERICA INC.

DDRESS

WHITING REFINERY

INDUSTRIAL MAJOR

ADDRESS PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY BP PRODUCTS NORTH AMERICA INC

2815 INDIANAPOLIS BOULEVARD

FACILITY

LOCATION WHITING

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER IN0000108 DISCHARGE NUMBER 001A

MAJOR F - FINAL EFFLUENT

OMB No. 2040-0004 Form Approved Approval Expires 05-31-98

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CHROMIUM, TOTAL

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CHROMIUM, HEXAVALENT

PARAMETER

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

for knowing violations.

submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true,

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

219

473-3179 NUMBER

YEAR

MO

DAY

50060

CHLORINE, TOTAL **EFFLUENT GROSS VALUE** FLOW, IN CONDUIT OR THRU EFFLUENT GROSS VALUE

TREATMENT PLANT

32730

RECOVERABLE PHENOLICS, TOTAL EFFLUENT GROSS VALUE

EFFLUENT GROSS VALUE

COLIFORM, FECAL GENERAL

NAME/TITLE PRINCIPAL EXECUTVE OF

Whiting Business Unit

TYPED OR PRINTED

Ashok K. Jhawar Business Unit Leader

Authorized Agent:

EFFLUENT GROSS VALUE

74055

*Chlorine testing required only when chlorinating this stream.

**Fecal coliform testing required only when refinery sanitary sewers are discharging

> WHITING, LAKE COUNTY INDUSTRIAL MAJOR

Page

Mail Preprinted Forms to IDEM (No Photo Copies)

to

the

WWTP

SULFIDE, TOTAL 0310 00610 (AS N NITROGEN, AMMONIA TOTAL PARAMETER **OCATION WHITING DDRESS** IAME/TITLE PRINCIPAL EXECUTVE OFFICER EFFLUENT GROSS VALUE EFFLUENT GROSS VALUE R METH)TOT,RC 0530 **SOLIDS, TOTAL** 0400 FFLUENT GROSS VALUE FFLUENT GROSS VALUE OD, 5-DAY TIN: ACILITY 0560 USPENDED FFLUENT GROSS VALUE OW LEVEL) (COD) XYGEN DEMAND, CHEM FFLUENT GROSS VALUE Ashok K. Jhawar Authorized Agent: FFLUENT GROSS VALUE Business Unit Leader IL & GREASE (FREON EXTR.-Whiting Business Unit TYPED OR PRINTED BP PRODUCTS NORTH AMERICA INC WHITING REFINERY ASHOK K. JHAWAR, PLANT MGR WHITING 2815 INDIANAPOLIS BOULEVARD 0 0 (20 DEG. C) (ASS) SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT EQUIREMENT REQUIREMENT EQUIREMENT SAMPLE PERMIT SAMPLE SAMPLE PERMIT PERMIT PERMIT PERMIT PERMI SAMPLE I certify under penalty of law that this document and all attachments were system, or those persons directly responsible for gathering the information, designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the prepared under my direction or supervision in accordance with a system submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, **AVERAGE** 9405 MO AVG MO AVG MO AVG MO AVG **2**31 NO AVG 346 375 319 30323 1368 4161 3646 1030 QUANTITY OR LOADING DAILY M DAILYM MAXIMUM **DAILY MX** DAILYM 16238 1021 1140 8164 2042 51.4 183 5694 YEAR PERMIT NUMBER IN0000108 STINU LBS/DY LBS/DY LBS/DY LBS/DY LBS/DY ****** 8 LBS/DY 26) 26 26) 26 26 26 MONITORING PERIOD DAY ******* MINIMUM MUMININ 6.5 5 <u>ರ</u> DISCHARGE NUMBER QUANTITY OR CONCENTRATION YEAR SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT torush **AVERAGE** <u>≤</u> REPORT REPORT REPOR REPORT MO AVG MO AVG REPORT REPORT MO AVG MO AVG MO AVG **JIO AVG** 0.02 2.4 ∞ ∞ 2.163 DAY For Any Questions call Jeff Ewick at 317-233-0676 DAILYIV DAILYM MAXIMUM MAXIMUN REPOR REPORT REPORT THE C REPOR REPORT 12.8 6.0 0.04 6.7 8.0 117 NOTE: Read Instructions before completing this form NO DISCHARGE 219 473-3179 UNITS MG/L (19) MG/L MG/L MG/L MG/L 19) MG/L TELEPHONE 19 19 19 S 12 19) NUMBER / 贝 <u>Z</u>0 0 0 0 0 FREQUENCY SAMPLE WEEK-/WEEK THREE TIMES/W TREE WEE $W \to F K$ THREE, ANALYSIS WEEK TIME TIME UE TIME 7,000 YEAR MO DAY *** DATE 30 0 0 × 0 × 0 × 0 COMP COMP COMP COMP GRAB GRAB COMP COMP24

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ERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOX F.-FINAL EFFLUENT

Approval Expires 05-31-98 OMB No. 2040-0004 Form Approved

DISCHARGE MONITORING REPORT (DMR)

001A

BP PRODUCTS NORTH AMERICA INC

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here,

WHITING, LAKE COUNTY PUDUSTEJAL MAJOR

INDUSTRIAL MAJOR, LAKE COUNTY

bp

Ashok K. Jhawar

Business Unit Leader Whiting Business Unit



BP Products North America Inc 2815 Indianapolis Boulevard Whiting, IN 46394-0710

Uso 5 11 cs /// 102

CERTIFIED MAIL RETURN RECEIPT REQUESTED

November 26, 2002

Indiana Department of Environmental Management OWQ Data Management Section 100 North Senate Avenue P.O. Box 6015 Indianapolis, IN 46206-6015

Direct 219 473 3179 Fax 219 473 3504 Mobile 219 712 0223 jhawarak@bp.com

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of October, 2002, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely,

Ashok K. Jhawab∕ Business Unit Leader

Attachments

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Oct-02 OCT STORM WATER RUNOFF

----OUTFALL 004----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

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ENVIRONMENTAL ENGINEER:

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Oct-02 OCT STORM WATER RUNOFF

----OUTFALL 003----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

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DATE:

ENVIRONMENTAL ENGINEER:

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

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na)	1	;	36 29	32	<u>3</u>	<u> </u>	31	22 [2 &	29	29	29	29	29	3 8	8 8	31	31	జ క	 	8 23	8 8	32	33	<u>4</u>	သူ ပ	2 G 4	35	36	မ္ဟ မ္ဟ	DEG C	5/7 CONT		CONT	OUT-TEMP C00010	OUTFALL 002
70 / NO. YAMB exp. 6/30/04	ر ح	0	1.045 0.548	0.739	1.035	1.023	1.031	1.045	0.809	0.826	0.822	0.763	0.708	0.717	0.777	0.714	0.761	0.699	0.707	0.550	0.657	0.548	0.614	0.614	0.672	0.628	0.629	0.627	0.621	0.628 0.626	1.70 2.00 GBTU/HR	5/7 CONT		CONT	HEAT C99003	Oct-02
4118 exp. 6		0	8.3 3.3	8.2	-	8.2		8.1 1	•	8.1		8.2	-	& N		8.1		8.3	6	က ယ	***************************************	8.3	1	8.2		8.2		8.3		8.3	7-9 pH	3/7 3/7	5	GRAB	pH C00400	OCT
5/30/04			6 6 6 3	^ 0.3		<0.3		^ 0.3		<0.3		<0.3		^0.3		^ 0.3		<0.3	-	۵ ا ۵ ا		<0.3		6 .3		<0.3		<0.3		<0.3	mg/l	3/7 3/7	5	GRAB	IN-OIL	COOLING \
			0.3 0.3	<0.3		<0.3		<0.3		<0.3		<0.3		Θ. ω		<0.3		<0.3	1	603		0.3		<0.3		<0.3		<0.3		<0.3	mg/l	3/7 3/7	9	GRAB	OUT-OIL C00550	OCT COOLING WATER EFFLUENT
DATE:		0	0.3 0.3	<0.3		<0.3		<0.3		-0.3		<0.3		<0.3		<0.3		<0.3		<0.3		0.3		<0.3		<0.3		<0.3		<0.3	5 mg/l	3/7 5/7	9	GRAB	DELTA OIL	LUENT
•			Νω	Ν	2	2	2	2		l u) N	, N	2	2		ω	ν.	2	1 0	2		Ν.	8	2	2	ω		N	N	νω	mg/l	5/7 5/7	9	GRAB GRAB	IN-TOC C99680	
ENVIRON			νω	ω	ယ	ယ	ယ	ယ		ن	ေယ	ယ	2	N		ယ	ω	ယ	ယ	ω		ω	ω	ယ	ω	ω		ú	ယ	ယ ယ	mg/l	5/7	ć	GRAB	OUT-TOC I C00680	
ENVIRONMENTAL ENGINEER:		0	0 -	0	0	0	0	0		-	- ۱	\ _\	0	0		c	0	0	0	0		_	0	0	_	0		ىب	. 0	<u> - 0</u>	5 mg/l	5/7 5/7	į	GRAB	OUT-TOC DELTA-TOC RESID-CL C00680	
NGINEER:		0	^0.0 4	<0.04		6.04						<0.04						<0.04						<0.04	-	1				<0.04	.05 mg/l	1/7	į	GRAB GRAB	RESID-CL	
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